Claims

1. A composition for delivering an active substance to a nasal membrane, the composition comprising:

about 90 to about 99.999 weight percent of a carrier, said carrier comprising about 0.5 to about 5.0 weight percent glycerin and a thickener, wherein said thickener includes at least one of the following: carrageenan, sugar, guar gum, methylcellulose, carbohydrate thickeners, aloe barbadensis gel, antiseptics, preservatives, permeation enhancers, sequestering agents, buffers, and emulsifiers; and

about 0.001 to about 5.0 weight percent of a decongestant, wherein the composition has a viscosity greater than about 2,500 centipoise.

- 2. The composition of claim 1, where in the decongestant comprises at least one of the following: oxymetazoline hydrochloride; naphazoline hydrochloride, ephedrine, phenylephrine hydrochloride, xylometaxoline hydrochloride, camphor, eucalyptus oil, menthol, and azulen.
 - 3. The composition of claim 1 further comprising a permeation enhancer.
- 4. The composition of claim 3, where the permeation enhancer comprises at least one of the following: liposomes, sequestering agents, ascorbic acid, glycerol, chitosan, lysophosphotidylcholin, EDTA, and disodium EDTA.
 - 5. The composition of claim 1 further comprising a preservative.
- 6. The composition of claim 5, wherein the preservative comprises at least one of the following: benzalkonium chloride and benzyl alcohol.
 - 7. The composition of claim 1 further comprising an emulsifier.

- 8. The composition of claim 7, wherein the emulsifier comprises at least one of the following: glycerolpolyethylene glycol ricinoleate, fatty acid esters of polyethyleneglycol, ethoxylated glycerol, polyethylene glycol, and hydroxylated lecithin.
 - 9. The composition of claim 1 further comprising a buffer.
- 10. The composition of claim 9, wherein the buffer comprises at least one of the following: monosodium phosphate and disodium phosphate.
- 11. A composition for delivering an active substance to a nasal membrane, the composition comprising:

about 75 to about 99.999 weight percent of a carrier comprising a thickener, wherein said thickener includes at least one of the following: glycerin, carrageenan, sugar, guar gum, methylcellulose, carbohydrate thickeners, aloe barbadensis gel, antiseptics, preservatives, permeation enhancers, sequestering agents, buffers, and emulsifiers; and

wherein the composition has a viscosity from about 3,000 centipoise to about 10,000 centipoise.

about 0.000001 to about 10 weight percent an active substance,

- 12. The composition of claim 11, wherein the active substance comprises at least one of the following: vitamins, minerals, nucleic acids, amino acids, peptides, polypeptides, proteins, genes, mutagens, antiviral agents, antibacterial agents, anti-inflammatory agents, decongestants, histamines, anti-histamines, anti-allergens, allergy-relief substances, homoepathic substances, and pharmaceutical substances.
- 13. The composition of claim 12, where in the decongestant comprises at least one of the following: oxymetazoline hydrochloride; naphazoline hydrochloride, ephedrine, phenylephrine hydrochloride, xylometaxoline hydrochloride, camphor, eucalyptus oil, menthol, and azulen.
 - 14. The composition of claim 11, wherein the carrier includes glycerin.

- 15. The composition of claim 14, wherein the carrier includes about 0.5 to about 5.0 weight percent glycerin.
 - 16. The composition of claim 11 further comprising a permeation enhancer.
- 17. The composition of claim 16, where the permeation enhancer comprises at least one of the following: liposomes, sequestering agents, ascorbic acid, glycerol, chitosan, lysophosphotidylcholin, EDTA, and disodium EDTA.
 - 18. The composition of claim 11 further comprising a preservative.
- 19. The composition of claim 18, wherein the preservative comprises at least one of the following: benzalkonium chloride and benzyl alcohol.
 - 20. The composition of claim 11, further comprising an emulsifier.
- 21. The composition of claim 20, wherein the emulsifier comprises at least one of the following: glycerolpolyethylene glycol ricinoleate, fatty acid esters of polyethyleneglycol, ethoxylated glycerol, polyethylene glycol, and hydroxylated lecithin.
 - 22. The composition of claim 11 further comprising a buffer.
- 23. The composition of claim 22, wherein the buffer comprises at least one of the following: monosodium phosphate and disodium phosphate.
- 24. A composition for delivering an active substance to a nasal membrane, the composition comprising:

about 90 to about 99.999 weight percent of a carrier and the carrier comprises about 0.5 to about 5.0 weight percent glycerin;

about 0.001 to about 1.0 weight percent of a decongestant; about 0.0001 to about 0.1 weight percent of a thickener; about 0.001 to about 1.0 weight percent of a permeation enhancer; about 0.001 to about 1.0 weight percent of a preservative; and about 0.0001 to about 1.0 weight percent of a emulsifier, wherein the composition has a viscosity from about 4,000 centipoise to about 6,000 centipoise.

- 25. The composition of claim 24, wherein the decongestant comprises about 0.045 to about 0.055 weight percent oxymetazoline hydrochloride.
- 26. The composition of claim 25, wherein the decongestant further comprises at least one of an effective amount of eucalyptus and methol.
- 27. A method of delivering an active substance to the nasal membrane, the method comprising the steps of:

providing a the composition of claim 1; and applying the composition to the nasal cavity.

28. A method of delivering an active substance to the nasal membrane, the method comprising the steps of:

providing the composition of claim 11; and applying the composition to the nasal cavity.

29. A system for delivering an active substance to the nasal membrane, the system comprising:

a composition having about 90 to about 99.999 weight percent of a carrier and the carrier comprises about 0.5 to about 5.0 weight percent glycerin, and about 0.001 to about 5.0 weight percent of a decongestant, wherein the composition has a viscosity greater than about 2,500 centipoise; and

a nasal applicator,

wherein the composition is contained within the nasal applicator for dispensing an effective dosage into the nasal cavity of a patient.

30. A composition for application to a nasal membrane to reduce symptoms associated with allergies and the common cold, the composition comprising:

about 90 to about 99.999 weight percent of a carrier;

about 0.001 to about 5.0 weight percent of an active ingredient comprising oxymetazoline hydrochloride; and

about 0.00001 to about 5.0 weight percent of a permeation enhancer comprising liposomes;

wherein the composition has a viscosity configured to maintain said active ingredient in direct contact with a nasal membrane for an effective period of time.

31. A composition for application to a nasal membrane to reduce symptoms associated with allergies and the common cold, the composition comprising:

about 90 to about 99.999 weight percent of a carrier;

about 0.001 to about 5.0 weight percent of an active ingredient comprising oxymetazoline hydrochloride;

about 0.00001 to about 5.0 weight percent of a permeation enhancer comprising liposomes; and

about 0.000001 to about 1.0 weight percent of an aromatic substance comprising at least one of menthol or eucalyptus extract;

wherein the composition has a viscosity configured to maintain said active ingredient in direct contact with a nasal membrane for an effective period of time.